

APR-03-02 17:20

FROM-GEN-PROBE EXECUTIVE OFFICE

8584108922

T-684 P. 97

F-485

## **EXHIBIT K**

TITLE DNA Synthesis Purification Mt b A175(+)

Project No. \_\_\_\_\_

Book No. 1699

90

Fr m Page No. \_\_\_\_\_

1. Synthesizing Biosynth 8700  
 Program #3 Coupling # 2

2. Chemistry:  $\beta$ -cyanoethyl  
 phosphoramidite

A 120.6  
 C 118.6  
 G 120.4  
 T 0.04095

SEQUENCE 1 3 2 3 -MER

5'-CCG-CAT-AGG-ACC-ACG-GGA-TGC-A  
 (T) 3'

Base #

|          |   |
|----------|---|
| Adenine  | 6 |
| Cytosine | 6 |
| Guanine  | 3 |
| Thymine  | 3 |

Mt b A175(+)

DMT off

Purine:Pyrimidine = 14:9 = 1.55

3. removed all DMT

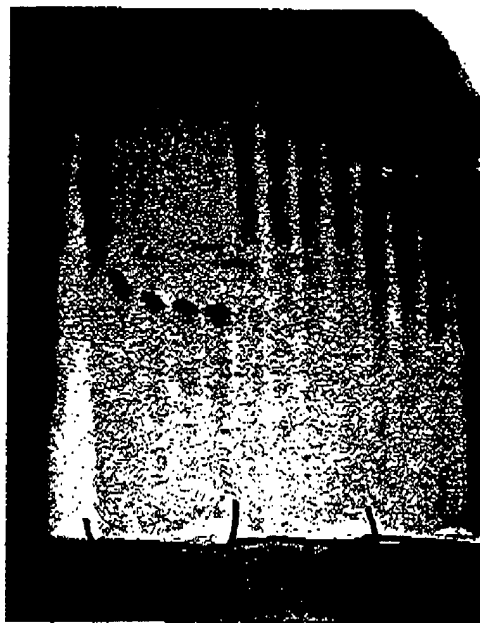
4. deblocked all resin

5. crude = 1.307 nmf

6. loaded 1000 nmf

7. OD = 1.1107 nmf

Total OD = 2.2200



To Page No. \_\_\_\_\_

Witnessed &amp; Understood by m.

Date

Invented by

Date

Gangy Ben

Recorded by

Jury Roberts

